



The Carolina DX Association

WEEKLY DX NET 147.36 AT 0130Z
DX INFO REPEATERS 147.36 BOONE
147.18 CHARLOTTE

February 1987

Scott Douglass, K2SD, Editor

- CURRENT DX ACTIVITY -

Thanks to QRZ DX, the LIDXB, WORLD-RADIO, K4MQG, and N4ZC for the bulk of this info, and we have a lot of it to cover this month.

Look for 3A7E and 3A7F (Monaco) in all major contests. 3B8CF on 7007 and 7027 at 0200-0230Z. 5X5GK was worked on 14183 at 1850Z. 7Q7LW can be found on 3792, 7002, 14285, and 21285 daily at the appropriate propagation hours until May. 9MBEN on 3799 at 1230Z. Check the W7PHO net on 14227 at 2245-2300Z for 9MBPV. For the 160 meter buffs, 9Q5KI plans some top band activity for the next six months. 9Q5NW was worked on 3778 at 0347 - his operating habits include 3740 listening on 3790 around 0400Z, 7085/7175 at 0430-0500Z, and 14177. A green stamp or SASE are required, else your card is round-filed. A61XL on 14196 at 1400Z. CE0ZIG on 7001 at 0800Z. Latest word on the 1SICK Spratly expedition is that it has been cancelled due to transportation (DU Military) problems - this from the Long Island DX Bulletin.

DU/KK7K reported on 7006 at 1040Z and also on 3502 at 1215Z. 5H3ZO was on 3502/3515 between 0300-0400Z. FK0AT/FW heard on 3504. FK8DD on 7001 at 0730Z. FR6/FH4EC is now active on Glorioso until Feb 15. FT8WA on 14215 at 0440Z. H20 will be a new prefix for Cyprus during March. There have been some doubts about the validity of I2VA/5U7 - work now and worry later. J6LTA will be operated by K4LTA and N4FKD for ten days beginning Feb 19. Look for J70A during the ARRL SSB weekend.

JX8KY and JX1 are having trouble with stateside contacts due to a tall Mt. blocking the path. They plan a trip to the west side of the Island during March. JY9RL on 7002 and 7016 at 0030Z. KA2CC planned from Minami Torishima during Feb. J6 - look for KC2WQ/J6 and NI2C/J6 Feb 16-22 on 40/80 CW and 75 SSB. KC4USV active on 7183 at 0800Z - QSL to KF4UU. KC6IN on 3799 at 1230Z. KC6MR (West Carolines) on 7002 working split at 1225Z. KH5 - a trip is in the works to Palmyra in Sept. - word is that the island is up for sale - any takers? KN4BPL/KH3 worked on 3799 at 0920Z, and also 3790 between 0700 and 0800Z.

KX6OI on 3785 at 1215Z. DESECHED - NP4TP plans a trip to the island on March 5-9. RZ1OWA - Franz Josef - on 7008 at 0600-1000Z. T32AN on 3796 at 0620Z. Lots of San Marino activity: T77E on 3680, T77C on 3650, T77T on 3790, and T77U on 3650, all around 1900-2330Z. TA1C on 3784 at 0615Z, and also 7003 at 2205Z. TA2A worked on 3501 at 0200Z. TJ6WC on 3790 at 0645-0730Z. TT8/F6EEN on 14157 at 1845Z. TT8AQ on 14183 at 1800Z, and on 3795 at 0610Z.

UD6DJ worked on 3501 at 0430Z. UF6FB on 3518 at 0230Z. UV100 (FJL) transmits on 7083 at 0845Z and will listen for NA on 7175. V85HG (new prefix for Brunei) around 14190 from 2200-0030Z. VK9YS and VK9YW on now until Feb 24 - operated by VK9NS and W5KNE. After Feb 25, look for VK9XS/VK0 on Christmas Island for one additional week. VK0SJ now on Macquarie. VK0CC (Antarctica) on 7001. VK9LM on Lord Howe planned for Feb 9 thru March 1 - 80/40 CW and SSB -- pse QSY to other side--

CURRENT DX ACTIVITY - CONT.

Wow, and to think some people give up on DXing at the bottom of the Sunspot cycle!

QSL INFO

```

KN48PL/KH3 -----> WB4JMH
TT8AQ -----> F6EYS
J28EM -----> W4FRU
YJ0KMS -----> FK0AT
TZ6VV -----> N0BLD
TR8SA -----> F6FNU
S79LJ -----> G4LJF
ZD9CK -----> W4FRU
9Q5NW -----> AL7EL PO Box 368
                        Stockbridge, GA
                        30281
TA4A -----> Box 88
                        Ayden, Turkey
ZF2JA -----> WH0PWA
KC6MR -----> JJ1TZK
VP8BFM -----> GM4ILS
XF4DX -----> K9AJ
3Y1EE/3Y26V -----> LA6VM

```

***** 1987 DUES ARE NOW DUE *****

PLEASE SUBMIT \$15.00 CDXA DUES
TO:

BILL JENNINGS, W4UNP
630 WHITEPINE DRIVE
CATAWBA, SC 29704

EDITOR'S NOTES

Well, it's been an active time for all DXers the last few weeks, and most CDXA members took advantage of the PETER I operation to add a new country to their totals. The fellows from LA land who put the island on the air for the first time ever are to be congratulated and thanked for their efforts. Likewise, the current operation from XF4DX is also helping DXers around the world, and our own WABMAZ is one of the operators. When you QSL to these folks, a donation would be appreciated, since most of the expense was out-of-pocket, and the pockets are pretty bare.

At any rate, the excitement of a major DXpedition was a lot of fun, and it set new psychological and physical records in the local area - our hats are off to **WA4QBO**, who made his first 3Y contact on (be still, my heart) CW! Way to go, Ken.

The club may arrange to send our QSL's to these operations in a single package, if we can find a volunteer to handle this....listen for details on the Wednesday net.

Finally, you will notice that this issue contains a copy of the Golden Jubilee of DXCC Award Application. Many of our members are working to get this, so this will make it a little easier to apply.

PROPAGATION INDICES - CONT.

The following information augments the discussion in last month's newsletter, and was supplied by N42C.

The A-Index indicates the Earth's magnetic field on a scale of 1 - 400. In general terms, when the index is high, signals passing through or near the polar regions will suffer increased absorption due to increased D and E-layer electron densities. Values of less than 10 are needed for very good conditions, between 10 and (please turn to page 3)

25 give increased noise on low frequencies without much affecting the higher frequencies. Values greater than 25 signify noticeably disturbed conditions on all bands.

The sunspot number is a rather subjective figure which relies on an observer counting sunspots and sunspot groups on the Sun's surface. Different observers looking at the same solar image may come up with different sunspot numbers! These are rarely used in predictive formulas. However, the 10 cm Noise flux is accurately measurable at ground level, and is closely correlated with the intensity of the radiation responsible for forming the E and F layers (which of course cannot be measured at ground level). A high flux implies high levels of ionization and hence high maximum usable frequencies (MUF).

Ed. Note: Programs for your Personal computer are available which will predict the MUF to various parts of the world. They require you to input the current sunspot number or the solar flux value. If interested, I can run a MUF plot for you - just give me a call on 147.18.

INDXA

One of the (few) privileges I get as editor of this rag is that people send me interesting things. I just received the Winter 1986 edition of the INDXA newsletter. Now, I have been a licensed ham for over 32 years, and DX has always been my first (radio) love, but for some reason I never paid any attention to the INDXA organization. When I read their newsletter, I realized that I have been missing something!

INDXA, the International DX Association, supports many DX operations with both money and equipment donations. Many of the stations you have worked in the past would never had made it had it not been for this organization. For example, INDXA supplied two AMPs and spare

tubes to the 3Y Peter I operation which just took place. Future assistance may be made to 2A, XV, and 70. It will take 212 new INDXA members to cover the cost of equipment purchased and shipped in Dec 86 and Jan 87. CDXA members may wish to consider joining this group... dues are \$10.00 a year.

CDXA is well represented in INDXA - Murphy, W4WMQ is president, Bill, W4UNP, is treasurer (he is, of course, CDXA treasurer as well), and Gary, K4MQG is a director. Gary and his Wife Carol, KA4WUR, also edit the INDXA newsletter, and a VERY nice-looking publication it is.

Give one of the above folks a call for application info, or send a note to:

NBSL
Secretary - INDXA
P O Box 363
Richardson, Texas 75083

CDXA CONTEST SCORES

Gary Bader, KD4RH, has collected the following scores from the fall CQWW SSB and CW contest. I am sure there are others, so let Gary know if your score is not shown here....every bit helps with our combined club score.

CW	CLASS	SCORE	Q / Z / C
KD4OM	AB	121,747	215/68/143
K4CEB	AB	234,650	345/83/164
N4TG	AB	172,235	266/81/164
N4JJ	3.5	29,064	125/23/61
N4ZC (Multi-Multi)			
	1.8		68/16/41
	3.5		324/23/75
	7.0		681/36/107
	14.0		700/32/90
	21.0		585/27/87
	28.0		82/19/42

			4,159,050 2440/153/442

(Operators at N4ZC: N4ZC, K2SD
W4NUS, WB4BTF, WABMAZ, N9CC,
and PA3ABA)

SSB	CLASS	SCORE	Q / Z / C
W4WXZ	AB	75,360	212/36/843
N4TG	AB	340,856	467/83/191
W4WMQ	AB	80,400	218/43/91
N4KVF	AB	43,044	141/22/46
WA4VCC	AB	28,744	97/28/76
KD4RH	AB	187,066	308/75/167
W4UNP	AB	158,974	299/59/143
N4UH	AB	235,488	371/80/184
KF4ND	AB	67,896	142/62/122

1,217,829

N4ZC (Multi-Single)

1.0	19/ 8/16
3.0	150/16/63
7.0	161/26/83
14.0	555/40/126
21.0	920/34/122
28.5	163/25/80

3,587,985 1968/149/490

(Operators: N4ZC, AA4S, K4MRG, KF4HK, WA4UNZ, WD4BTF, K2SD, N9CC, and HB9DCQ. Special mention to N9CC and KF4HK on the 40 Zones they caught at the 20 meter position).

Total Club score (known to date)

SSB	4,805,814
CW	4,734,746
TOTAL	9,540,560

Pretty good balance between CW and SSB! Now, lets all start planning for next year!!!!!!!!!!!!

Gary Bader also enclosed info on the International DX Convention which will be held April 3-5 in Visalia, California. Gary attended last year, and reports that it was VERY enjoyable, and devoted totally to DX.

This year's program will feature N6TJ and his JY7Z team, Lloyd and Iris to present their Indian Ocean trip, Ron, ZL1AMD with the

Christmas Island trip, and Chuck, KC7UU, to present Egypt and Sudan. Registration includes the Saturday Banquet, Sunday Brunch, and Friday and Saturday night cocktail party. Pre-registration is \$40.00 (and you also need to get to California and reserve a room at the Visalia Holiday Inn.....sounds like a lot of fun. If you would like more info, contact K2SD.

LETTERS FROM OUR MEMBERS

KD4RH sent the following letter, and I want to share it with the entire club. Gary just completed a long stint as club Treasurer, and we all miss him since he moved to Florence, SC.

"Just received the new issue of the CDXA Pileup. I like the idea of using the front page for all of the DX info. Since I don't get any of the DX sheets, and am out of repeater range, this is a real help.

Your comments regarding the CDXA contest stations with luck will bring out some more members. It is a real shame to have those stations available and not have a full operation at each. It seems to me that many members have the attitude of 'what can I get out of this' rather than 'what can I do to help'. This has been a continuing problem, and I know that all organizations have similar problems.

I realized last October during the CQWW contest that half the fun of contesting was being around the other guys and operating as a team. I know that to the new DXer the CQWW and ARRL contests can be rather overwhelming, and just let it go by. Perhaps during the next few weeks a contest topic could be discussed on the weekly net.

Before I forget, the CDXA is an ARRL affiliated club, which means (please turn to page 8)

we can submit a combined score, as we do for CQWW. I noticed for the CQWW contests last year (86) the participation increased, but the individual scores were down. It is nice to see the individual participation increase -- this might carry over to the ARRL contests."

CDXA SHIRTS

Quite a few members have asked if there will be another opportunity to purchase CDXA shirts. It has been a few years since the last club offering, and it must be that the old shirts are either wearing thin, in need of a good washing, or both.

Ted, WA4VCC, thinks we need an order of at least 2 dozen before the shirt company will talk to us. We would like to get a larger CDXA logo this time, and it would be nice if we could get them prior to the Charlotte Hamfest. Cost would be no more than \$12, possibly less. Please be ready to let Ted know on the Wednesday net if you are interested, and how many you want.

THE CAROLINA DX ASSOCIATION

President:	Gary Dixon	K4MQG
Vice Pres:	Skip Richardson	WA4UUP
Sec/Tres:	Bill Jennings	W4UNP
Net Mgr:	Roger Burt	N4ZC

Editor: **Scott Douglass** K2SD
 2440 Williams Rd
 Matthews, NC 28105
 (704) 847-8320

OPERATING AID

On the flip side of this page is a handy way to track your 5-Band DXCC, and other DX awards. Just another service of your CDXA.

QSL CARDS

If you need to order some new QSL cards, and would like a nice card with the CDXA LOGO, W4MPY's QSL service can fix you up. Wayne also printed up some real nice Amateur Radio business cards for each club member last year. He is a CDXA member, and his support is appreciated. For more details, write:

Wayne Carroll W4MPY
 705 Audubon Circle
 Belvedere, SC 29841

DONT FORGET

ARRL DX Contest CW Feb 21-22
 ARRL DX Contest SSB Mar 7-8

BE THERE !



FIRST CLASS MAIL

WA4UNZ 86
 Ken Boyd
 202 Horseshoe Circle
 Fort Mill SC 29715